

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/515,369B

DATE: 11/12/2001

TIME: 14:51:59

Input Set : A:\09515369seqlisting.txt

Output Set: N:\CRF3\11122001\I515369B.raw

1600
15 / R.T.
12/12
Raw Seq.
ENTERED
RECEIVED
TECH CENTER 1600/2900
DEC 07 2001

```

4 <110> APPLICANT: Paul B. Fisher
5   Malavi T. Medireddi
7 <120> TITLE OF INVENTION: MELANOMA DIFFERENTIATION ASSOCIATED
8   GENE-7 PROMOTER AND USES THEREOF
11 <130> FILE REFERENCE: 34611 070050.1685
13 <140> CURRENT APPLICATION NUMBER: 09/515,369B
14 <141> CURRENT FILING DATE: 2000-02-29
16 <160> NUMBER OF SEQ ID NOS: 13
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 2286
22 <212> TYPE: DNA
23 <213> ORGANISM: Human
25 <400> SEQUENCE: 1
26 taatacgact cactataggg cgtcgactcg atcacctttt gaaccaggt ctgcctgcct 60
27 ccaaagcttg tactcataac tagattctca actgatgttg ggccaagggt cctaggttct 120
28 ctccttgacc ttctttctga agtaataatg ctatgataag ctcctcggag gctgaggccc 180
29 aggcacatgt ttgcctgaac tatccatggt atatgattcc ttctcagac agagtgcct 240
30 actcacgac ccagggtgtac cctgaggcca gccaagggtg atccatgacc tcatgcctct 300
31 gttccagcct gccctttaac agctcatccc acctgcctgc cctccccgcc tatctgcaga 360
32 cagtagtcta ggatttcagc tgcctggggg gctcattttc cctctcagct tctgtcttta 420
33 gctgtctcct gccctccact cactatttac tccagcactc tcacctggtc ttcttttctg 480
34 tctcatcact gccctctgac atctttatct catagtagtt agttaggggt tcttggtaat 540
35 gccctaaatc cacatgggtg gaagggggga gtgggggaag agagtgcgct gtggggctgt 600
36 gccctactct gaggggtaag actcggggcc tccaggaaca aaggattcag gctggtggca 660
37 gctatagcca agcagactgc tggccaggga ttgcaaagga gtattttgtt tgcttaagaa 720
38 aataaacaac actgagtatg agatggaggg agggggtgtt ggtgccagag agattgggaa 780
39 gagtctgcca aggggtgtgt ctactcactc tctcttttcc ttctcatctc actgagctgg 840
40 aggcagttat cctgtcccc cgtcacatt cctactcccg ttcccatgc ctggaccag 900
41 gttgggcaaa ctcttctgt aaagaaccag acaggaacta ttttaggtc tgtgtgccat 960
42 atggtctcag tcacaactac tcatctctgc ctctgtagca cgaaagcaat tagcaacaat 1020
43 atgtcaacaa acatatgtga ccccatgaaa actttattta ttatggatac ggaaacctga 1080
44 aaataatgtc tttcttttga ttttttcccc aatcattaaa aaacgtaaaa actactctta 1140
45 ggtcgcaagg ttaagccatt ctcagcttag cagtggcagg ctggatttgg cttgtgacct 1200
46 acagttggcc aatccctgat tcccaaaatg tattcctcag ggatgtgggc aaatacttat 1260
47 gggaagtgtt ggattaaaca gagttaagaa gcatcagaca ttccaggac gggctagcac 1320
48 atgccagggc tctctaactg acctcattgg attcatctgt ttcatggagg atcttgcaag 1380
49 acaagaattc ctcaaacctg gagtctgagg actgtgcttt gggaaacact gctctgcttg 1440
50 atgccctcac tgggcacatg gtagaatcta gagctgagtg ccttgctagc tggagatagg 1500
51 gtcagagctc ttgactgccc tggcagctct gacacatcac gctgtctgtg tcccctgagt 1560
52 gggtcagagc cacacaggcc aagactagcc caccagagca ccaggcctcc cagctttctg 1620
53 ggcttgctca tgcgtacatt tctttattct tctgtgttcc cagaacctaa ggagaggcac 1680
54 attttggttg agtgattata accctaggga ccatgggtag ctgcatgtca ggaaacactc 1740
55 ctcaacttcc tggccctgat ggattaaagg agaggtactt acaggttatt tcttcgctgt 1800
56 ggactactgt cccagcatga atagggcatc attattgaat tattttgaca ggaaggagac 1860
57 tgggtgatgc tgcacagtaa taatgtattt acatgtgtac agagtttacc aagcacctct 1920
58 gtgttggttt tgcctttgtt tattacactt gggacaaatt tttaaaattt atacatgcag 1980

```

RAW SEQUENCE LISTING

DATE: 11/12/2001

PATENT APPLICATION: US/09/515,369B

TIME: 14:51:59

Input Set : A:\09515369seqlisting.txt

Output Set: N:\CRF3\11122001\I515369B.raw

```

59 agactgcagc gcagagaagc taagagactt gcccctgccc acacagccag tggtagagcc 2040
60 tgaactcaaa cccaggtctc atctcacctc aggggctgct tccccatcg ctgtattgtc 2100
61 cttaaagtga tgggtgacta ggcaatgaag taattctcta ggaaagcatg accaatttcc 2160
62 ctttctccac ctccctcttt ttctccacc cctcccccat cagcccccat atatatgccc 2220
63 aaatctccac aaagccttgc ttgctgcaa acctttaott ctgaaatgac ttccacggct 2280
64 gggacg
66 <210> SEQ ID NO: 2
67 <211> LENGTH: 21
68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial Sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: Oligonucleotide primer
74 <400> SEQUENCE: 2
75 cgtcccagcc gtggaagtca t
77 <210> SEQ ID NO: 3
78 <211> LENGTH: 21
79 <212> TYPE: DNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Oligonucleotide primer
85 <400> SEQUENCE: 3
86 aggctggatt tggttgtga c
88 <210> SEQ ID NO: 4
89 <211> LENGTH: 21
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Oligonucleotide primer
96 <400> SEQUENCE: 4
97 ctgtttaatc cagcacttcc c
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 21
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Oligonucleotide
107 <400> SEQUENCE: 5
108 cgcttgatga ctcagccgga a
110 <210> SEQ ID NO: 6
111 <211> LENGTH: 20
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Oligonucleotide
118 <400> SEQUENCE: 6
119 tgcagattgc gcaatctgca
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 21
123 <212> TYPE: DNA

```

RECEIVED
DEC 07 2001
TECH CENTER 1600/2900

RAW SEQUENCE LISTING

DATE: 11/12/2001

PATENT APPLICATION: US/09/515,369B

TIME: 14:51:59

Input Set : A:\09515369seqlisting.txt

Output Set: N:\CRF3\11122001\I515369B.raw

```

124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Oligonucleotide
129 <400> SEQUENCE: 7
130 cgcttgatga cttggccgga a 21
132 <210> SEQ ID NO: 8
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Oligonucleotide
140 <400> SEQUENCE: 8
141 tgcagagact agtctctgca 20
143 <210> SEQ ID NO: 9
144 <211> LENGTH: 61
145 <212> TYPE: RNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (1)...(61)
151 <223> OTHER INFORMATION: AUUUA consensus sequences from mda-7 3' UTR
153 <400> SEQUENCE: 9
154 uuguauuuau uacaacucua uuuaauuaau gucaguauuu caacugaagu ucuauuuauu 60
155 u 61
157 <210> SEQ ID NO: 10
158 <211> LENGTH: 15
159 <212> TYPE: RNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <221> NAME/KEY: misc_feature
164 <222> LOCATION: (1)...(15)
165 <223> OTHER INFORMATION: AUUUA consensus sequences from alpha-interferon 3'
166 UTR
168 <400> SEQUENCE: 10
169 uauuuauuuu uuuaa 15
171 <210> SEQ ID NO: 11
172 <211> LENGTH: 51
173 <212> TYPE: RNA
174 <213> ORGANISM: Artificial Sequence
176 <220> FEATURE:
177 <221> NAME/KEY: misc_feature
178 <222> LOCATION: (1)...(51)
179 <223> OTHER INFORMATION: AUUUA consensus sequences from
180 granulocyte-monocyte colony stimulating factor 3'
181 UTR
183 <400> SEQUENCE: 11
184 uauuuuuuuu auuuuuuuuu uuuaaaaaua uuuaauuuuu uauuuuuuuu a 51
186 <210> SEQ ID NO: 12
187 <211> LENGTH: 34

```

RAW SEQUENCE LISTING

DATE: 11/12/2001

PATENT APPLICATION: US/09/515,369B

TIME: 14:51:59

Input Set : A:\09515369seqlisting.txt

Output Set: N:\CRF3\11122001\I515369B.raw

```

188 <212> TYPE: RNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (1)...(34)
194 <223> OTHER INFORMATION: AUUUA consensus sequences from tumor necrosis
195     factor 3' UTR
197 <400> SEQUENCE: 12
198 auuauuuuuu auuuauuuuau uauuuuuuuu uuua          34
200 <210> SEQ ID NO: 13
201 <211> LENGTH: 56
202 <212> TYPE: RNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <221> NAME/KEY: misc_feature
207 <222> LOCATION: (1)...(56)
208 <223> OTHER INFORMATION: AUUUA consensus sequences from fos proto-oncogene
209     3' UTR
211 <400> SEQUENCE: 13
212 guuuuuuuuu uauuuuuuuu gauggauucu cagauuuuuu uauuuuuuuu uuauuu          56

```

VERIFICATION SUMMARY

DATE: 11/12/2001

PATENT APPLICATION: US/09/515,369B

TIME: 14:52:00

Input Set : A:\09515369seqlisting.txt

Output Set: N:\CRF3\11122001\I515369B.raw